

485

**ftp://ftp.planetwater.com/**

**username: data\_303d**  
**password: rwqcb04**

Go to → Region 7 folder --> Assessment Folder

**New River - copper data from Tetrtech FTP site:** I tried to open many of the databases that had been housed on this site and they will not open for me. Perhaps you will have better luck. If not, you will need to contact Tetrtech and see if they can email you the databases.

**This report will tell you the exact data used for the years sampled and the data sources:**

ftp://ftp.planetwater.com/Region%207/ASSESSMENT/Assessment%20Notes/RB7%20Comprehensive%20Data%20Inventory\_assessment.xls

**Here is where the 1996 data is located:**

ftp://ftp.planetwater.com/Region%207/ASSESSMENT/RWQCB7/7-119-7-152\_MEXICALI/7-119-7-123\_DATA/7-119\_1996/

ftp://ftp.planetwater.com/Region%207/ASSESSMENT/RWQCB7/7-119-7-152\_MEXICALI/7-119-7-123\_DATA/7-119\_1996/All\_combined\_use\_this.XLS

**1998 data located in the excel docs at this site:**

ftp://ftp.planetwater.com/Region%207/ASSESSMENT/RWQCB7/7-119-7-152\_MEXICALI/7-124-7-129\_New%20Folder/1998\_duplicateof7-121/

**1999 data:**

ftp://ftp.planetwater.com/Region%207/ASSESSMENT/RWQCB7/7-119-7-152\_MEXICALI/7-124-7-129\_New%20Folder/7-124-7-125\_1999/

**Here is the 1995-2003 data:**

Document link:

ftp://ftp.planetwater.com/Region%207/ASSESSMENT/RWQCB7/7-236\_NewRiverRBWebsite/7-236\_New%20river%20data%20summary%201995-2000.xls

This is the folder link:

ftp://ftp.planetwater.com/Region%207/ASSESSMENT/RWQCB7/7-236\_NewRiverRBWebsite/

**Region 7****Telephone Conversation with Jessie Parker and Dorena Goding at  
Tetrattech re: CD and ftp website with data. 8-10-05**

Tetrattech was told to use only the public solicitation data.

If you go to the ftp site: <ftp://ftp.planetwater.com/>  
Login: data\_303d, rwqcb04

Go to → Region 7 folder → Assessment folder → Assessment Notes folder →  
open the Region 7 Public Solicitation Data Notes word document. *(hard copy attached)*

This document shows the references/data used for each factsheet and line of evidence. In **bold** is the number of the data that was used. An example is 7-242. This unique number will point you to the data used for specific factsheets/LOE's in the folder: RWQCB7, which houses the actual data.

## Public Solicitation Data for Region 7

### SL-31

- All data submitted by Imperial Irrigation District (IID)
- 31-A thru 31-E
- Notes:
  - o Blue text = notes to self
  - o Highlighting = issues

[ **31-A (7-243):** Annual Title 22 source water analysis of main supply canals (All-American Canal, East Highline Canal, Central Main Canal, and Westside Main Canal)

- electronic version in 2003 only; 1997 thru 2002 hard copy – entered most of it, except organics b/c all non-detects (JP).
- Use new file: *Title22\_1997-2003all.xls*
- only have beneficial uses for All-American Canal; used Imperial Valley Drains to categorize other 3 canals
- All-American Canal data assessed
  - o Exceedances (fact sheets entered):
    - Total Filterable Residue/TDS (Factsheet ID: 2125, LOE ID: 2406) – exceed “recommended”, but not “upper”
    - Specific Conductance (Factsheet ID: 2126, LOE ID: 2407) – exceed “recommended”, but not “upper”
    - Turbidity, Lab (Factsheet ID: 2127, LOE ID: 2408)
  - o Possible Exceedances (fact sheets not entered):
    - Carbon Tetrachloride – non-detect, but CTR criteria > DL
    - Hexachlorobutadiene – non-detect, but CTR criteria > DL
- East Highline Canal, Central Main Canal, Westside Main Canal
  - o not in Basin Plan – assessed based on criteria for Imperial Valley Drains – no exceedances, so no need to do any fact sheets
  - o Possible Exceedances (fact sheets not entered):
    - Copper: possibly exceeding; all non-detects, but DL > hardness-based criteria
    - Cyanide: possibly exceeding; all non-detects, but DL > CTR criteria
- Assessment completed

[ **31-E (7-247):** Monthly cation/anion analysis at Alamo River international boundary and Salton Sea outlet, New River Salton Sea outlet, and All-American Canal Drop #1 (6/2/1998 - 1/12/2004)

- All-American Canal (below Drop #1)

- Temperature – no numeric criteria
- pH – 1 exceedance (Factsheet ID: 2236, LOE ID: 2482)
- Specific Conductance – exceedances (Factsheet ID: 2126, LOE ID: 2484)
- TDS – exceedances (Factsheet ID: 2125, LOE ID: 2481)
- Calcium – no numeric criteria
- Magnesium – no numeric criteria
- Sodium – no numeric criteria
- Potassium – no numeric criteria
- Carbonate – no numeric criteria
- Bicarbonate – no numeric criteria
- Sulfate – exceedances (Factsheet ID: 2238, LOE ID: 2485)
- Chloride – no exceedances
- Alamo River (Int'l. Boundary and Salton Sea outlet)
  - Temperature – no numeric criteria
  - pH – 1 exceedance (Factsheet ID: 984, LOE ID: 825)
  - Specific Conductance – no numeric criteria
  - TDS – no exceedances, but factsheet had already been entered (Factsheet ID: 914, LOE IDs: 734 & 1861)
  - Calcium – no numeric criteria
  - Magnesium – no numeric criteria
  - Sodium – no numeric criteria
  - Potassium – no numeric criteria
  - Carbonate – no numeric criteria
  - Bicarbonate – no numeric criteria
  - Sulfate – no numeric criteria
  - Chloride – no numeric criteria
- New River (Salton Sea outlet)
  - Temperature – no numeric criteria
  - pH – no exceedances, but factsheet had already been entered (Factsheet ID: 1030, LOE ID: 886)
  - Specific Conductance – no numeric criteria
  - TDS – no exceedances, but factsheet had already been entered (Factsheet ID: 1238, LOE IDs: 2487 & 2488)
  - Calcium – no numeric criteria
  - Magnesium – no numeric criteria
  - Sodium – no numeric criteria
  - Potassium – no numeric criteria
  - Carbonate – no numeric criteria
  - Bicarbonate – no numeric criteria
  - Sulfate – no numeric criteria
  - Chloride – no numeric criteria
- Assessment completed

[ **31-D (7-246):** Monthly cation/anion analysis at Salton Sea

- Data collected at 5 sites:
  - o Bertram Station
  - o Desert Beach
  - o Salton Sea Beach
  - o Sandy Beach
  - o Between Rivers
- pH – data assessed – no exceedances, so no fact sheet
- TDS – data assessed based on narrative LOE – entered fact sheet
- did not assess the following constituents due to lack of numeric criteria:
  - o Cations:
    - Ca
    - Mg
    - Na + K
  - o Anions:
    - HCO<sub>3</sub> + CO<sub>3</sub>
    - Cl
    - SO<sub>4</sub>
  - o Conductivity
- Assessment completed

[ **31-B (7-244):** Monthly total & fecal coliform analysis in main supply canals (10 sites)

- re-formatted into one spreadsheet: *Mcepa2004\_assessment.xls*
- sites:
  - o All-American Canal (4 sites)
  - o East Highline Canal (2 sites), Central Main Canal (2 sites), Westside Main Canal (2 sites) – not in Basin Plan, used beneficial uses and criteria for Imperial Valley Drains
  - o 101 samples at each location, monthly 1/1/1996 – 5/3/2004
- No criteria for total coliform in freshwater
- Criteria for fecal coliform based on REC I:
  - o Log mean not >200 mpn/100ml in no less than 5 samples in a 30-day period
  - o No more than 10% of samples during 30-day period to exceed 400 mpn/100ml – Used this criterion because all samples are monthly – so there aren't 5 samples in 30 days (no mean). However, there is no "10%" b/c samples are monthly, so used 400 mpn/100ml as a maximum for each monthly measurement (single sample).
    - Exceedances(Factsheet 2353, LOE 2553)
      - Central Main – 8 exc. (total) at 2 locations
      - East Highline – 4 exc. at 1 location

- Westside Main – 2 exc. at 2 locations
- Non-exceedances – none at All-American Canal

**[ 31-C (7-245): New River Wetlands weekly monitoring data from 2001-2003.**

- Brawley and Imperial Wetlands – not in Basin Plan, so no uses or criteria
- wetlands are exempt to regulations per the Salton Sea Reclamation Act of 1998 (Sheila Ault, RWQCB 7) – do not assess
- several sites (in wetlands) with numerous constituents
- assessed pH, DO, and selenium data & completed fact sheets, but can delete them since wetlands are exempt

**[ 7-242: New River Wetlands Egg Chemistry Data**

- submitted by P.K. (?)
- not relevant – did not assess (as per Craig's recommendation)

**Perchlorates Data (from P.K.)**

**[ 7-249**

- Data from MWD (Metropolitan Water District) of Southern California
- 1998 – 2004 perchlorate data
- Samples at intake to the Colorado River Aqueduct at Lake Havasu near Parker Dam
- QA = ?
- Factsheet 2355, LOE 2559

**[ 7-250**

- Data from USGS
- 1999 – 2004 perchlorate data
- Colorado River below Hoover Dam, USGS 09421500 (AZ)
- QA:
  - o USGS collected samples with USGS protocol: QA samples, but no dups
  - o USEPA Region 9 Lab analyzed
- Factsheet 2355, LOE 2560

**[ 7-251**

- Data from NDEP
- 1999 – 2004 perchlorate data
- Colorado River at Willow Beach (AZ)
- QA = "Contact Todd Croft at NDEP" (NDEP = Nevada Division of Environmental Protection)
- Sample location not within CA state boundary (it is along the AZ/NV border), but assessed data anyways: "Although samples were not collected within CA, the data were reviewed because the sampling site is in the upstream portions of the Colorado River."
- Factsheet 2355, LOE 2561

2/27/04 (Notes from Hilary)

## Overview of Electronic Data Files

Spreadsheets titled R7\_...., should be swamp data from Moss Landings. spreadsheets have data and some kind of QA/QC. The Sampling locations not crystal clear. I identified the stations for Colorado River, Alamo New River, Coachella Valley Stormwater channel, Salton Sea but was unable to recognize the stations with "BDQ", "CPV", and "SCSL" in the number. I have a spreadsheet (R7\_stationquestions.xls) with a table of the stations that I am unsure about.

7-213 - This is also SWAMP data, with concentrations of Selenium in Se for 9/2002.

Spreadsheets with "Recreate excel" or "Final Excel" in the title. These spreadsheets are under RwQCB7\ (Inventory NO. 7-184-7-195) and also in RWQCB (Inventory NO. 7-60-7-118). This is RWQCB7 data from ES Babcock. The data is accompanied by the methods, detection limits, reporting limits, and QC. It is all Tier 1 data. These files might be useful for the assessment.

7-230 are presentations for the New River Wetland. These are not really data, but the presentations indicate that data has been taken 2001 and 2002 and possibly 2003.

7-119 - 7-152 (Mexicali Folder) and 7-231 is the Regional board data, located at the international border. 7-231 are tables in word but the rest are in excel format.

In the Redlands folder,

7-153-7-156, the trend monitoring database and the TRENDMO database. TR for the Alamo River, New River, Colorado River, Coachella Valley Stormwater Trend monitoring database has information for the Coachella Stormwater Whitewater River. I would consider the datasets to be historical between 1980 and 1993. Depending on what type of assessment, the historical information could be useful.

7-157 IID DWQIP - Has data for 1997-1998. 1997 and 1998 only have two datasets. The dataset has general inorganics, metals and field measurements for Greeson Drain, Holtville Main Drain, New River, South Central Drain, a Trifolium 12 Drain.

7-158 New River - There is a "historic database". Could not really look at it, probably send along to IT folks.

7-153 and 7-160 Toxic Substance Monitoring data

The rest are word documents with general TMDL information

RWQCB7 additional data folder,



Has miscellaneous spreadsheets

- 7-173 and 7-174 - data for the Salton Sea, Alamo River, New River, Whi
- 7-176-7-178 - IID DWQIP yearly Data for 1996 and 1997
- 7-166 - RB7 Coachella Valley Storm Drain ES Babcock data
- 7-171 - A unidentified query for data samples in Big Bear Lake

WQ Folder

7-179-7-180\_Holdren-waterquality Data - Contains a duplicate of 7-173. I originally thought that the profile data wasn't duplicated but after checking again I see the profile data. I grayed out 7-179, would be better to delete but leaves holes in inventory. 7-180 has summary statistics for 7-179 and 7-173

7-181-7-183\_IID - is also duplicate data of iid DWQIP

Assessment Notes (Jessie's notes)

\*\*Overall, many data were not assessed due to a lack of numeric criteria

7-9, 10, 12, 13, 16, 17, 23, 24, 25, 28, 32, 34, 35, 37, 39: Hardcopy

7-21, 22, 29, 30, 33, 36, 38, 40, 41, 44, 48, 50: (hardcopy) duplicate

7-8, 11, 14, 15, 18, 19, 20, 26, 27, 31, 57, 58: All hardcopies, mostly

7-42, 43, 45, 46, 47, 49: Coachella Valley bacteria data. Did not complete

7-49: Palo Verde data - reviewed data, but did not do complete assessment

7-52: Most data reviewed, and factsheets entered, however had difficulties

7-53: Brawley wetlands data (hardcopy) - Entered data into Excel ("hardcopy")

7-55: Piute Spring data. Not reviewed

7-56: Salton Sea pesticides (hardcopy). Production began to enter into

7-60 thru 7-93, 101-116, 166 (partial), and 184-195: "Babcock\_data\_summary"

7-70 thru 7-76: data included in 7-236, which was assessed & factsheet

7-124 and 7-125 may be dups of 7-236. Some data are already included

7-126 thru 7-128: New River (Mexicali data) - reviewed, but no factsheets

7-130: New River Word doc--Nov02 tour. Only info that could be notabl

7-131: New River (Mexicali) Pictures--8/03 tour. Issues are being add

7-156: Data very old (1980-1993), but was reviewed. Most did not have

7-157: Assessed where numeric criteria were available and factsheets e

7-159: Very old (1984-1991) - data not assessed.

7-160: may have been duplicate. Did not resolve.

7-161, 162, 164: Word documents - no actual data.

7-163: Very old (1980-1993) did not assess. Duplicate of 7-156.

7-165: Had issues w/these data (could not determine locations) and did

7-166 thru 7-170: reviewed, no factsheets.

7-171: Big Bear Lake data. Unknown waterbody and source.

7-172: Reviewed, but no numeric criteria, so no factsheets.

7-173: Reviewed, few factsheets. Most have no numeric criteria (so no

7-175: Reviewed, no factsheets.

7-176: Reviewed and some factsheets completed.

7-178: Reviewed, no factsheets.

7-183: Reviewed and some factsheets completed.

7-197: Not reviewed due to age (1995).

7-230: New River Wetlands data - reviewed, but no factsheets entered.

7-235: Data from Torres Martinez website. Issues with data were not r

7-236: Data assessed, and some factsheets completed.

7-237 thru 7-239: No numeric criteria for pollutants. Data could not

7-240: Data assessed and factsheets completed for those with numeric c

7-241: Lake Havasu - data not assessed.

7-242 thru 7-251: see notes on public solicitation data ("Region\_7\_pub

Technical difficulties/inaccessible data formats:

7-129: Paradox database--unable to open.

7-135: Unable to open database.

7-139: Able to open, but could not access any data.

7-158: Unable to open database.

Region 7 → assessment folder → RWQCB 7 folder → OR  
excel doc: RB 7 Comprehensive Data Inventory  
assessment



# ftp.planetwater.com

Server: ftp.planetwater.com  
User Name: data\_303d

Use 'Copy To Folder' on the File menu to download files and folders to your computer. [Click here](#) for other useful hints.

Name	Size	Type	Modified
303(d)Data		File Folder	7/14/04 12:00 AM
DATA_INVENTORIES		File Folder	9/27/04 12:00 AM
Evaluation requirements		File Folder	10/13/04 12:00 AM
FFX		File Folder	11/29/04 12:00 AM
fish tissue only		File Folder	9/27/04 12:00 AM
JIMMY		File Folder	12/9/04 12:00 AM
JULIA		File Folder	3/3/05 12:00 AM
other agencies		File Folder	6/15/04 12:00 AM
PDQ_Final_Queries		File Folder	9/15/04 12:00 AM
QAPPs		File Folder	9/21/04 12:00 AM
Region 3		File Folder	1/18/05 12:00 AM
Region 7		File Folder	1/18/05 12:00 AM
Region 9 data		File Folder	10/5/04 12:00 AM
tmp		File Folder	9/24/04 12:00 AM
UpdatedInventories8and9		File Folder	1/27/05 12:00 AM
allfiles_sep24_2004.txt	3.82 MB	Text Document	9/24/04 12:00 AM
files_with_word_tissue2.txt	58.6 KB	Text Document	9/24/04 12:00 AM
lines_with_word_tissue.txt	244 KB	Text Document	9/24/04 12:00 AM
SWAMP_061404.zip	32.8 MB	PowerDesk.Archive	6/14/04 12:00 AM
SWAMP Sys.mdw	164 KB	Microsoft Access W...	6/14/04 12:00 AM

# Alamo River

## Water Quality Data Summary

		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	
		1/28/97	3/4/97	3/27/97	4/24/97	5/21/97	6/18/97	7/23/97	8/28/97	9/24/97	10/30/97	11/25/97	12/29/97	1/27/98	2/24/98	3/17/98	
<b>Field Measurements</b>																	
pH	units	7.89	7.99	7.85	7.62	7.67	7.63	7.15	7.41	7.59	6.91	7.70	8.39	8.33	8.41	7.94	
Dissolved Oxygen	mg/L	7.33	9.99	7.12	6.59	7.87	6.69	4.11	4.62	6.14	10.40	9.40	10.88	8.05	5.87	6.90	
Temperature	deg C	15.7	15.4	19.7	21.9	27.0	27.7	28.0	30.8	26.2	18.4	16.2	10.2	14.0	16.4	19.5	
Conductivity	mS	3.14	3.05	2.94	2.92	2.86	NS	2.95	3.21	3.27	3.44	3.60	4.27	3.13	4.09	3.02	
<b>Inorganics</b>																	
Total Hardness	mg/L	3	770	770	790	740	790	750	780	830	830	980	1000	1100	800	NS	NS
Calcium	mg/L	1	160	170	170	160	180	160	180	180	180	210	220	220	170	NS	NS
Magnesium	mg/L	1	86	85	86	83	81	82	83	94	89	110	110	120	90	NS	NS
Ammonia-Nitrogen	mg/L	0.1	1.1	2.1	2.3	1.3	0.7	1.7	1.7	1.8	1.2	1.3	0.5	1.5	1.3	2.1	
Nitrate-Nitrogen	mg/L	0.2	7.7	7.4	6.2	6.0	4.8	4.7	5.4	5.0	4.6	7.8	7.8	6.7	7.2	7.4	
pH	units	1	7.9	7.8	7.7	7.8	7.7	7.7	7.5	7.8	7.9	8.1	8.0	8.4	8.4	NS	NS
Specific Conductance	umho/c	1	3300	3050	3000	3010	2940	3100	3010	3280	3330	3410	3700	4030	3090	NS	NS
Total Dissolved Solids	mg/L	10	3300	2050	2010	2010	1940	2070	2180	2350	2620	2410	2570	2950	2170	2780	2090
Total Suspended Solids	mg/L	5	330	290	320	330	340	290	360	290	390	300	360	230	280	140	330
Volatile Suspended Solids	mg/L	5	12	54	48	48	37	38	26	130	42	32	62	23	32	16	38
Settleable Solids	mL/L	0.1	0.3	0.3	0.4	0.4	0.5	0.4	0.5	0.3	0.7	0.3	0.3	0.2	0.3	0.2	0.5
Total Phosphorus	mg/L	0.05	0.84	1.4	1.2	0.75	1.00	0.66	0.76	0.59	0.60	0.72	0.39	0.42	0.46	0.49	1.40
Turbidity	NTU	0.05	280	250	290	270	250	210	250	160	320	290	54	140	190	120	250
<b>Metals</b>																	
Arsenic	ug/L	2	5	7	NS	NS	NS	7	NS	NS	11	NS	NS	5	6	NS	NS
Boron	ug/L	100	560	500	NS	NS	NS	520	NS	NS	550	NS	NS	800	490	NS	NS
Cadmium	ug/L	1	ND	ND	NS	NS	NS	ND	NS	NS	NS	NS	NS	ND	ND	NS	NS
Total Chromium	ug/L	2	4	9	NS	NS	NS	9	NS	NS	NS	NS	NS	11	11	NS	NS
Copper	ug/L	2	6	6	NS	NS	NS	6	NS	NS	NS	NS	NS	8	6	NS	NS
Lead	ug/L	2	ND	ND	NS	NS	NS	ND	NS	NS	NS	NS	NS	ND	ND	NS	NS
Mercury	ug/L	1	ND	ND	NS	NS	NS	ND	NS	NS	NS	NS	NS	ND	ND	NS	NS
Nickel	ug/L	2	6	7	NS	NS	NS	4	NS	NS	NS	NS	NS	8	7	NS	NS
Selenium	ug/L	0.8	6.84	6.83	6.71	NS	NS	NS	NS	NS	13	NS	NS	9.05	7.00	8.42	6.96
Silver	ug/L	2	ND	ND	NS	NS	NS	ND	NS	NS	NS	NS	NS	ND	ND	NS	NS
Zinc	ug/L	2	6	14	NS	NS	NS	4	NS	NS	NS	NS	NS	5	6	NS	NS
<b>Pesticides</b>																	
Chlorpyrifos	ug/L	0.05						ND	ND	NS	0.15	NS	ND	0.04 J	ND	NS	
Diazinon	ug/L	0.05						ND	ND	NS	0.56	NS	ND	0.15	ND	NS	
Malathion	ug/L	0.40						ND	ND	NS	0.35	NS	ND	ND	0.24	NS	
Carbaryl	ug/L	0.07						ND	ND	NS	1.3	NS	ND	ND	ND	NS	
Carbofuran	ug/L	0.07						2.0	ND	NS	ND	NS	ND	ND	0.13	NS	

ND = None Detected at Reporting Limit  
NS = Not Sampled

# Alamo River

## Water Quality Data Summary

	Units	Reporting Limit	Jan 1/28/97	Feb 3/4/97	Mar 3/27/97
<b>Field Measurements</b>					
pH	units		7.89	7.99	7.85
Dissolved Oxygen	mg/L		7.33	9.99	7.12
Temperature	deg C		15.7	15.4	19.7
Conductivity	mS		3.14	3.05	2.94
<b>Inorganics</b>					
Total Hardness	mg/L	3	770	770	790
Calcium	mg/L	1	160	170	170
Magnesium	mg/L	1	86	85	86
Ammonia-Nitrogen	mg/L	0.1	1.1	2.1	2.3
Nitrate-Nitrogen	mg/L	0.2	7.7	7.4	6.2
pH	units	1	7.9	7.8	7.7
Specific Conductance	umho/cm	1	3300	3050	3000
Total Dissolved Solids	mg/L	10	3300	2050	2010
Total Suspended Solids	mg/L	5	330	290	320
Volatile Suspended Solids	mg/L	5	12	54	48
Settleable Solids	mL/L	0.1	0.3	0.3	0.4
Total Phosphorus	mg/L	0.05	0.84	1.4	1.2
Turbidity	NTU	0.05	280	250	290
<b>Metals</b>					
Arsenic	ug/L	2	5	7	NS
Boron	ug/L	100	560	500	NS
Cadmium	ug/L	1	ND	ND	NS
Total Chromium	ug/L	2	4	9	NS
Copper	ug/L	2	6	6	NS
Lead	ug/L	2	ND	ND	NS
Mercury	ug/L	1	ND	ND	NS
Nickel	ug/L	2	6	7	NS
Selenium	ug/L	0.8	6.84	6.83	6.71
Silver	ug/L	2	ND	ND	NS
Zinc	ug/L	2	6	14	NS

ND = None Detected at Reporting Limit

NS = Not Sampled